

14. Appendix B

Summary of annual incidental take levels anticipated under the incidental take statements associated with NMFS' existing biological opinions in the U.S. Atlantic and Gulf of Mexico.

Federal Action	Sea Turtle Species ¹				
	Loggerhead	Leatherback	Green	Kemp's Ridley	Hawksbill
Coast Guard Vessel Operation	1 (combined)				
Navy – SE Ops Area ³	91	17	16	16	4
Navy – NE Ops Area	10	0	1	1	0
Shipshock – Seawolf/Winston Churchill	276 (No more than 58 lethal)	276 (No more than 58 lethal)	276 (No more than 58 lethal)	276 (No more than 58 lethal)	276 (No more than 58 lethal)
USACE Dredging – NE Atlantic	27	1	6	5	0
USACE Dredging – S. Atlantic	35	0	7	7	2
USACE Dredging – N & W Gulf of Mexico	30	0	8	14	2
USACE Dredging – E Gulf of Mexico	8 ⁴	5 ⁴	5 ⁴	5 ⁴	5 ⁴
USACE Rig Removal, Gulf of Mexico	1	1	1	1	1
MMS Destin Dome Lease Sales	1 ⁵	1 ⁵	1 ⁵	1 ⁵	1 ⁵
MMS Rig Removal, Gulf of Mexico	10 ⁶	5 ⁶	5 ⁶	5 ⁶	5 ⁶
Dolphin/Wahoo Fishery	16 (No more than 2 lethal)	16 (No more than 1 lethal)	2 (No more than 1 lethal)	2 (No more than 1 lethal)	2 (No more than 1 lethal)
NE Multispecies Sink Gillnet Fishery	10	4	4	2	0
ASMFC Lobster Plan	10	4	0	0	0

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Bluefish Fishery	6 (No more than 3 lethal)	0	0	6	0
Herring Fishery	6 (No more than 3 lethal)	1	1	1	0
Mackerel, Squid, Butterfish Fisheries	6 (No more than 3 lethal)	1	2	2	0
Monkfish Fishery	6 (No more than 3 lethal)	1	1	1	0
Dogfish Fishery	6 (No more than 3 lethal)	1	1	1	0
Sargassum Fishery	15	1	1	1	1
Summer Flounder, Scup, and Black Sea Bass Fishery	15 (No more than 5 lethal)	3	3	3	3
Shrimp Fishery ⁸	163,160 (No more than 3,948 lethal)	3,090 (No more than 80 lethal)	155,503 (No more than 4,208 lethal)	18,757 (No more than 514 Lethal)	640 ¹¹ (All lethal)
Weakfish Fishery	20	0	0	2	0
HMS – Pelagic Longline Fishery	1,905	1,764	105 (combined)		
HMS – Shark Fishery	679 (No more than 346 lethal)	74 (No more than 47 lethal)	2 (No more than 1 lethal)	2 (No more than 1 lethal)	2 (No more than 1 lethal)

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NRC – St. Lucie, FL ¹⁰	1000 (No more than 10 lethal)	1000 (No more than 1 lethal)	1000 (No more than 10 lethal)	1000 (No more than 1 lethal)	1000 (No more than 1 lethal)
NRC – Brunswick, NC	50 (No more than 6 lethal)	50	50 (No more than 3 lethal)	50 (No more than 2 lethal)	50
NRC – Crystal River, FL	55 (No more than 1 lethal)	55 (No more than 1 lethal)	55 (No more than 1 lethal)	55 (No more than 1 lethal)	55 (No more than 1 lethal)
Navarre Beach Fishing Pier	4 (up to 1 lethal of either loggerhead or Kemp's ridley)	0	0	2 (up to 1 lethal of either loggerhead or Kemp's ridley)	0
Miller Fishing Pier	4 (up to 1 lethal of either loggerhead or Kemp's ridley)	0	0	2 (up to 1 lethal of either loggerhead or Kemp's ridley)	0
Mexico Beach Fishing Pier	4 (up to 1 lethal of either loggerhead or Kemp's ridley)	0	0	2 (up to 1 lethal of either loggerhead or Kemp's ridley)	0

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Biloxi Coliseum Fishing Pier	2 (up to 1 lethal and 1 non-lethal of either species)	0	0	2 (up to 1 lethal and 1 non-lethal of either species)	0
Clermont Harbor Fishing Pier	2 (up to 1 lethal and 1 non-lethal of either species)	0	0	2 (up to 1 lethal and 1 non-lethal of either species)	0
Washington Street Fishing Pier	2 (up to 1 lethal and 1 non-lethal of either species)	0	0	2 (up to 1 lethal and 1 non-lethal of either species)	0
Flagler Beach Pier	2 (Or 1 loggerhead and 1 Kemp's ridley)		2 (up to 1 lethal of either Green or loggerhead species)		

¹Anticipated Take level represents 'lethal' unless otherwise noted.

²Includes Navy Operations along the Atlantic Coasts and Gulf of Mexico, Mine warfare center, Eglin AFB, Moody AFB.

³Total estimated take includes acoustic harassment.

⁴Up to 8 sea turtles total, of which, no more than 5 may be leatherbacks, greens, Kemp's or hawksbill, in combination.

⁵Total anticipated take is 3 sea turtles of any combination over a 30-year period.

⁶Not to exceed 25 sea turtles, in total.

⁷Anticipated take for post-hatchlings over a 5-year period.

⁸Represents estimated take (interactions between sea turtles and trawls). Lethal take in parentheses.

¹⁰Annual incidental capture of up to 1,000 sea turtles, in any combination of the five species found in the action area. NOAA Fisheries anticipates 1 percent of the total number of green and loggerhead sea turtles (combined) captured (i.e., if there are 900 total green and loggerhead sea turtles captured in one year, then 9 sea turtles in any combination of greens and loggerheads are expected to be injured or killed

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<p>as a result. In cases where 1 percent of the total is not a whole number, then the total allowable incidental take due to injury or death will be rounded to the next higher whole number) will be injured or killed each year over the next 10 years as a result of this incidental capture. NOAA Fisheries also anticipates two Kemp's ridley sea turtles will be killed each year and one hawksbill or leatherback sea turtle will be injured or killed every 2 years for the next 10 years.</p> <p>¹¹Actual mortalities of hawksbills, as a result of sea turtle/trawl interactions, is expected to be much lower than this number. This number represents the estimated total number of mortalities of hawksbill sea turtles from all sources in areas where shrimp fishing takes place.</p>					